

Amendment to the Claims

This listing of the claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims

1. (Previously presented) A method of providing feedback about a contention point to a source of a multicast connection from said source to a plurality of different destinations, wherein at said contention point the multicast connection splits into a plurality of streams directed toward said different destinations, the method comprising:

identifying a slowest stream of said plurality of streams of the multicast connection at the contention point;

executing an explicit rate (ER) calculation only with respect to accounting characteristics of the slowest stream at the contention point;

transmitting a result of the slowest stream ER calculation back to the source; and

controlling a data transmission rate of said source of said multicast connection using said slowest stream ER calculation.

2. (Previously presented) The method according to claim 1, wherein the multicast connection is set up as an asynchronous transfer mode (ATM) available bit rate (ABR) connection, and said transmitting includes writing ER calculation results in resource management (RM) cells flowing towards the source.

3. (Currently amended) ~~The A method of providing feedback about a contention point to a source of a multicast connection from said source to a plurality of different~~

destinations, wherein at said contention point the multicast connection splits into a plurality of streams directed toward said different destinations, the method comprising:

identifying a slowest stream of said plurality of streams of the multicast connection at the contention point;

executing an explicit rate (ER) calculation only with respect to accounting characteristics of the slowest stream at the contention point;

transmitting a result of the slowest stream ER calculation back to the source; and
controlling a data transmission rate of said source of said multicast connection
using said slowest stream ER calculation according to claim 1, and wherein:

the contention point includes a memory buffer for storing cells received from the source in a temporally ordered linked list;

multicasting is effected by copying cells from the linked list to ports associated with the various multicast connection streams, and a read pointer is maintained for each stream to provide an index into the linked list; and

said identifying the slowest stream includes identifying the read pointer associated with a temporally earliest cell in the linked list.

4. (Previously presented) The method according to claim 3, wherein the multicast connection is set up as an asynchronous transfer mode (ATM) available bit rate (ABR) connection, and said transmitting includes writing ER calculation results in resource management (RM) cells flowing towards the source.